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 AND RELATED
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FACSIMILE COVER SHEET

112008-0027CI

DATE:	June 25, 2003
TOTAL PAGES WITH COVER:	57
TO:	Examiner Nguyen (Art Unit 3653)
FIRM:	USPTO
FACSIMILE NUMBER:	703-872-9326
TELEPHONE NUMBER:	703-308-2689
FROM:	Stephen E. Kabakoff

FAX RECEIVED

GROUP 3600

COMMENTS: Re: Application 09/441,003

Dear Examiner Nguyen:

We are faxing an Amendment (53 pages), one drawing sheet (1 page), and a Petition for Extension of Time (2 pages). The materials that are being faxed are related to application Serial No. 09/441,003.

If you have any questions, please do not hesitate to contact me at 617-951-3053.

Best regards,
 Stephen Kabakoff

Official

SPECIAL INSTRUCTIONS:

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Patent and Trademark Office/SB/17 (10-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
180

Complete if Known

Application Number	09/441,003
Filing Date	November 16, 1999
First Named Inventor	John Abedor, et al
Examiner Name	Nguyen, John
Group Art Unit	3653
Attorney Docket No.	112008-0027C1

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
 Deposit Account Order

Deposit Account Number	03-1237
Deposit Account Name	Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)
 Charge fee indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEES CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility Issue fee (or reissue)	
1502	470	2502	235	Design Issue fee	
1503	630	2503	315	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)				SUBTOTAL (3) (\$)	180

*Reduced by Basic Filing Fee Paid

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JUN 30 2003
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1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	750	2001	375
1002	330	2002	165
1003	520	2003	260
1004	750	2004	375
1005	160	2005	80
SUBTOTAL (1) (\$)			0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
Total Claims	- 20** =	0 x = 0
Independent Claims	- 3** =	0 x = 0
Multiple Dependent		= 0

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9
1201	84	2201	42
1203	280	2203	140
1204	84	2204	42
1205	18	2205	9
SUBTOTAL (2) (\$)			0

**or number previously paid, if greater; For Reissues, see below

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Stephen E. Kabakoff	Registration No. (Attorney/Agent)	51,276	Telephone	(617) 951-2500
Signature	<i>Stephen E. Kabakoff</i>			Date	June 25, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.



06-26-03

3653

PATENTS
112008-0027C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:
John Abedor, et al

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Serial No.: 09/441,003

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Examiner: Nguyen, John

Filed: November 16, 1999

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Art Unit: 3653

For: ESTIMATING TAPE PACK RA-
DIUS USING A KALMAN FILTER

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Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
June 25, 2003**EXPRESS-MAIL DEPOSIT**

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The following papers are being deposited with the United States Postal Service
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 Information Disclosure Statement Check for \$180.00
 PTO-1449 and Copies of ReferencesRECEIVED
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